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2. Abstracts, conference papers and proceedings

69 entries.

001. Ellis S, Henry S. Kv9 a novel cancer immunotherapeutic for solid tumours in dogs. New Zealand Veterinary Association Conference, Wellington, 2025

002. Henry S, Obukhova P, Tuzikov A, Ryzhov I, Tsygankova S, Bovin N. Identification of the common epitope present on both A and B antigens recognized by anti-A,B but not by anti-A or anti-B. 5th Australasian Glycoscience Symposium 2024

003. Datta SS, Henry SM. A novel syphilis treponemal TmpA peptide antigen diagnostic assay using red cell kodecytes in routine immunohematology column agglutination testing platforms. ISBT Barcelona 2024

004. Weinstock C, Flegel WA, Srivastava K , Bovin NV, Henry SM, Kaiser S, Schrezenmeier H, Tsamadou C, Jahrsdörfer B. Usability of the ERYTRA Blood Group Analyser for Testing for Antibodies against SARS-CoV-2. German Society of Transfusion Medicine and Immunohaematology (DGTI) 2021

005. Maslennikov AM, Zalygin AV, Shtykova EV, Bovin NV, Oleinikov VA. Small-angle X-ray (SAXS) and Raman spectroscopy studies of biot-CMG(2)-DOPE quasicrystalline phases. Journal of Physics: Conference Series. 2021;2058(1):012018. https://doi.org/10.1088/1742-6596/2058/1/012018

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006. Tarasova AR, Vaskan IS, Zalygin AV, Troitskaya PS, Bovin NV, Oleinikov VA. Loading efficiency of doxorubicin into the micelle-like structures formed by function-spacer-lipid constructs self-assembly depends on constructs' functional part. Journal of Physics: Conference Series. 2021;2058(1):012003. https://doi.org/10.1088/1742-6596/2058/1/012003

007. Henry S. Kodecytes: modifying the sur-face of red cells (plenary invited). Regional congress of the International Society of Blood Transfusion (ISBT), Bangkok, Thailand, November 16-19, 2019

008. Henry S. ASK – advanced serological kodecytes specifically designed for teaching. Invitational Congress of Investigational Immunohematologists (ICII), Toledo, USA, June 2019

009. Henry S. Quantitating ABO antibodies in undiluted plasma with kodecytes . Invitational Congress of Investigational Immunohematologists (ICII), Toledo, USA, June 2019

010. Henry S, Perry H, Bovin N. Applications for kodecytes in immunohematology. (plenary invited) 28th Regional Congress of the ISBT, Guangzhou, China, November 2017.

011. Croft SA, Seale RB, Bovin N, Henry S. Novel anti-microbial construct coatings that can prevent bacterial biofilm development on metal and other surfaces. NZ Microbiology Society Annual Conference, Christchurch, November 2016.

012. Perry H, Henry SM. Standardized blood group A kodecytes allow for determination of anti-A,B titres without the need for sample dilution (SP248). AABB Florida, October 2016, Transfusion 2016; S4, 3A-262, DOI: 10.1111/trf.13807 https://doi.org/10.1111/trf.13807

013. Perry H, Henry SM. Controlling antigen-antibody mediated hemolysis by manipulating the amount of antigen on the RBC surface on heterophile kodecytes. AABB Florida, October 2016 (SP252). AABB Florida, October 2016, Transfusion 2016; S4, 3A-262, DOI: 10.1111/trf.13807 https://doi.org/10.1111/trf.13807

014. Henry S. FSL constructs: a novel suite of tools for the attachment of virtually anything onto any surface. Merck Millipore – The use of microspheres and nanospheres in diagnostics and life sciences (invited) Shanghai, China May 2014

015. Henry S. FSL immobilization of red cells on solid surfaces. Invitational Congress of Investigational Immunohematologists (ICII), Minneapolis, USA, June 2013

016. Henry S. Evidence that ABO reagents can detect the wrong ABO or non-ABO antigens. Invitational Congress of Investigational Immunohematologists (ICII), Minneapolis, USA, June 2013

017. Henry S. Teaching serology by controlling IgM/IgG sensitization and antibody mediated hemolysis with kodecytes. Invitational Congress of Investigational Immunohematologists (ICII), Minneapolis, USA, June 2013

018. Perry EH, Henry SM. Teaching the recognition of hemolysis by controlling antibody mediated in vitro hemolysis with kodecytes. AABB, Denver 2013 Transfusion 2013; 53 (Suppl.), 182A

019. Henry S. KODE cell surface modification allows for the creation of basic and advanced serologic training tools. (invited) NZIMLS, Hamilton 2013

020. Korchagina E, Tuzikov A, Rodionov I, Stowell S, Perry H, Bovin N, Henry S. Cell landscape engineering. FEBS 38th Congress, St Petersburg, Russia July 2013 FEBS J 2013; 280 (Suppl.1), 527-528 (SW06.S28-8)

021. Henry S, Korchagina E, Tuzikov A, Bovin N. Glycoengineering the surface of living cells. Joint Meeting of The American Society for Matrix Biology and the Society for Glycobiology. San Diego, California, USA 2012

022. Henry S, Korchagina E, Tuzikov A, Bovin N. Glycolandscaping living cells. 26th International Carbohydrate Symposium, Madrid Spain 2012

023. Perry EH, Henry SM. Measuring serologic reaction grading skill with kodecytes at an accredited teaching institution. AABB Boston, 2012 Transfusion 2012; 52 (Suppl.1), 234A

024. Henry S. Transfusion medicine & KODE Technology: R&D tools, QC systems, diagnostics & therapeutics. British Blood Transfusion Society Red Cell Special Interest Group, (invited) Harrogate, UK 2012

025. Perry H & Henry S. Improving skill in serologic reaction grading with A+B kodecytes. ISBT Cancun, Mexico 2012 Vox Sanguinis 2012; 103 (s1), 192-193

026. Henry S. Modeling transfusion reactions with kodecytes and enabling ABO-incompatible transfusion with Function-Spacer-Lipid constructs. (invited) ISBT Cancun, Mexico 2012 Vox Sanguinis 2012; 103 (s1), 14

027. Henry S. KODE Technology biosurface engineering. Medical Technology Association of NZ, Auckland, 2012 New Zealand.

028. Tesfay MZ, Krik AC, Hadac EM,Griesmann GE, Federspiel MJ, Barber GN, Henry SM, Russell SJ. PEGylation of Vesicular Stomatitis Virus (VSV) extends virus persistence in blood in the presence of neutralizing antibodies. American Society of Gene & Cell Therapy 15th Annual Meeting, Philadelphia 2012 Molecular Therapy 2012; 20 (suppl 1) S85

029. Flower RL, Heathcote D, Lin P-H, Henry S, Lin M. Comparison of kodecytes serology, peptide ELISA and peptide affinity chromatography for characterisation of antibodies to MNS system hybrid glycophorin antigens. 22nd Regional Congress of the ISBT, November 2011,Taipei, Taiwan. Vox Sanguinis 2011; 101 (Suppl. 2): 16

030. Henry S, Korchagina E, Tuzikov A, Formanovsky A, Popova I, Bovin N. Towards cell glycolandscape. XXI International Symposium on Glycoconjugates, Vienna, Austria 2011 Glycoconjugate J 2011; 28: 258

031. Flower R, Heathcote D, Henry S: Insertion of Kode™ peptide constructs into red cell membranes: Artificial blood group antigens found on MNS hybrid glycophorins . 37th Annual Conference of Indian Society of Blood Transfusion and Immunohematology (ISBTI). Asian J Transfusion Science 2011;5:63-109 http://www.ajts.org/text.asp?2011/5/1/63/76033

032. Henry S, Komarraju S, Heathcote D, Rodinov I. Kodecytes and Miltenberger (invited). 22nd Regional Congress of the ISBT, November 2011,Taipei, Taiwan. Vox Sanguinis 2011; 101 (Suppl. 2): 5

033. Barr K, Diegel O, Parker S, Henry S. A novel solution for diagnostic printing. NZBio Conference 2011, Auckland, New Zealand

034. Barr K, Diegel O, Parker S, Henry S. Inkjet printing of Function-Spacer-Lipid (FSL) biomolecules. NZ Rapid Product Development Conference 2011, Auckland, New Zealand.

035. Henry S, Korchagina E, Tuzikov A, Bovin NV. Glyco-landscaping with neo glycolipid constructs. Glycobiology 2010, Florida Glycobiology 2010; 20 (11): 1472

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037. Oliver C, Blake D, Ferguson S, Bovin N, Henry S. Biotin-kodecytes - novel function-spacer-lipid (FSL) modified cells capable of being recovered from the circulation after 3 days. 35th FEBS Congress, June 2010, Sweden. FEBS Journal 277 (Suppl. 1):50-51;2010

038. Komarraju S, Chesla S, Bovin N, Henry S. Syphilis-kodecytes - novel function-spacer-lipid (FSL) modified red cells capable of sensitive and specific detection of syphilis antibodies. 35th FEBS Congress, June 2010, Sweden. FEBS Journal 277 (Suppl. 1):97-98;2010

039. Barr K, Diegel O, Parker S, Bovin N, Henry S. Function-Spacer-Lipid (FSL) constructs enable inkjet printing of blood group antigens. 35th FEBS Congress, June 2010, Sweden. FEBS Journal 277 (Suppl. 1):235;2010

040. Blake D, Lan A, Love D, Bovin N, Henry S. Fluorophore-kodecytes - fluorescent function-spacer-lipid (FSL) modified cells for in vitro and in vivo analyses. 35th FEBS Congress, June 2010, Sweden. FEBS Journal 277 (Suppl. 1):199;2010

041. Harrison, A.L., Kim, M., McCarthy, S.D.S., Henry, S., Lingwood, C.A, and Branch, D.R.: Synthetic Pk inhibits HIV-1 infection in vitro by two mechanisms. 19th Annual Canadian Conference of HIV/AIDS Research, Saskatoon, SK, May 2010. Can J Infec Dis Med Microbiol 21(Suppl B):25B, 2010

042. Harrison, A.L., McCarthy, S.D.S., Kim, M., Henry, S., Lingwood, C., and Branch, D.R.: Soluble globotriaosylceramide as a potential microbicide for the prevention of HIV-1 infection. 19th Annual Canadian Conference of HIV/AIDS Research, Saskatoon, SK, May 2010 Can J Infec Dis Med Microbiol 21(Suppl B):26B, 2010

043. Henry S. CSL & KODE Biotech = 6 offspring (and still pregnant). NZBio Conference. (Invited). Auckland (March 2010)

044. Henry S. Kodecytes – designer red cells created with KODE™ biosurface engineering technology ANZ Society of Blood Transfusion. (Invited plenary). Adelaide, Australia (October 2009) Transfusion Medicine 2010; 20:204 doi: 10.1111/j.1365-3148.2010.01002.x https://doi.org/10.1111/j.1365-3148.2010.01002.x

045. Henry S. KODE technology – changing the face of serology. (Keynote speaker). Invitational Congress of Investigational Immunohematologists (ICII). Asilomar, USA June 2009

046. Heathcote D, Flower R, Henry S. Development and validation of antibody screening cells specifically designed for Asian populations – the first example of the addition of peptide antigens to human red cells using KODE™ technology. The Annual Scientific Meeting of the Australian and New Zealand Society of Blood Transfusion, October 2008, Perth, Australia

047. El-Aklouk E, Al-Jumaily AM, White D, Henry S. Feasibility of delivering a novel synthetic membrane anchor to the deep lungs. ASME International Mechanical Engineering Congress & Exposition. October 2008, Boston, USA.

048. Henry S. Creating designer cells with synthetic peptidolipids, glycolipids and other lipid linked nanostructures. Micro/Nano Technology Society-wide Forum. ASME International Mechanical Engineering Congress & Exposition. October 2008, Boston, USA

049. Henry S. KODE™ technology: A novel in vitro and in vivo cell surface modification technology (invited plenary). ASME International Mechanical Engineering Congress & Exposition. October 2008, Boston, USA.

050. Branch DR, Harrison A, Sakac D, Lingwood C, Henry S. A synthetic, water dispersible glycolipid analogue of the Pk blood group antigen completely blocks HIV-1 infection. AABB 2008 Annual Meeting, October 2008,Montréal, Québec, Canada. Transfusion 2008; 48 (2S) Suppl.: 104A DOI: 10.1111/j.1537-2995.2008.01891.x https://doi.org/10.1111/j.1537-2995.2008.01891.x

051. Henry S, Bovin N. The development of synthetic peptidolipids, glycolipids and other lipid-linked structures to create designer red cells. AABB 2008 Annual Meeting, October 2008, Montréal, Québec, Canada Transfusion 2008; 48 (2S) Suppl.: 203A DOI: 10.1111/j.1537-2995.2008.01891.x https://doi.org/10.1111/j.1537-2995.2008.01891.x

052. Hult AK, Frame T, Henry S, Olsson ML. Flow cytometry evaluation of red blood cells transformed with variable amounts of synthetic A and B glycolipids. ISBT Regional Congress, Macao SAR China, 2008. (P-322) Vox Sanguinis 2008; 95 (S1), 180

053. Heathcote D, Flower R, Henry S. Development and validation of antibody screening cells specifically designed for Asian populations – the first example of the addition of peptide antigens to human red cells using KODE™ technology. ISBT Regional Congress, Macao SAR China, 2008. Vox Sanguinis 2008; 95(S1):174

054. Flower R, Lin P-H, Heathcote D, Chan M, Teo D, Selkirk A, Shepherd R, Henry S. Insertion of KODE™ peptide constructs into red cell membranes: Creating artificial variant MNS blood group antigens. ISBT Regional Congress, Macao SAR China, 2008. (P-396) Vox Sanguinis 2008; 95(S1), 203-204

055. Henry S, Flower R. A potential new technique to study epitope specificity of antibodies to variant MNS blood group antigens. Australian and New Zealand Society of Blood Transfusion, Gold Coast, October, Australia, 2007

056. Henry S. Water soluble synthetic glycolipids. Society for Glycobiology Meeting, Boston, USA, 2007 Glycobiology 2007; 17: 1267

057. Henry S. KODE™ technology: A new in vitro and in vivo technological platform (invited speaker). South Pacific Congress, Auckland, 2007

058. Harrison AL, Yuan R, Manis A, Mylvaganam M, Henry S, Lingwood C, Branch DR. Establishment of a level 2 mouse model for the study of microbicide prevention of vaginal and rectal HIV transmission 4th International AIDS Society

(IAS) Conference on HIV Pathogenesis, Treatment and Prevention, Sydney, 2007.

059. Blake D, Carter N, Erikson E, Williams E, Henry S. Embryo cell surface and zona modification via a novel KODE™ Technology. 19th World Congress on Fertility and Sterility: International Federation of Fertility Societies, Durban, South Africa 2007

060. Blake D, Carter N, Erikson E, McIntosh S, Stockman C, Weinberg C, Williams E, Henry S. KODE™ Alteration of Cell Surface Characteristics. NZBio Conference, Auckland , NZ, 2007 (poster)

061. Henry S. Cell antigen paint (KODE™ technology): A new in vitro and in vivo immunological platform technology. Plenary Lecture. Australasian Society of Immunology, Auckland, 2006

062. Frame T, Henry S, Mobley D, Chesla S. Attachment of synthetic carbohydrate antigens to red blood cells using KODE™ technology. AABB Meeting 2006, Miama, USA, 2006 Transfusion 2006; 46 (suppl. 9S): 32A

063. Henry SM, Carroll T, Frame T. KODE™ technology allows the attachment of carbohydrate blood group antigens to red cells. XXIXth Congress of the International Society of Blood Transfusion, Cape Town, South Africa, 2006 Vox Sangunis 2006; 91 (suppl.3): 29

064. Henry SM. Modifying red cells with synthetic glycolipids bearing carbohydrate blood group glycotopes. XXIIIrd International Carbohydrate Symposium Organizers, Whistler, Canada, 2006

065. Henry SM. KODE™ CAE: creating the world's first ABO analytical control system. (invited lecture) Annual Scientific Meeting, Australian and New Zealand Society of Blood Transfusion, Sydney, Australia, 2005 Transfusion Medicine 2006; 16: 217

066. Henry SM. Engineering the surface of red cells with synthetic glycolipids (KODETM CAE) to create ABO analytical sensitivity controls and xeno-modified cells. (invited lecture) 2nd International Symposium on ABO Incompatibility in Transplantation, Göteborg, Sweden, 2005 Xenotransplantation 2005; 12(5): 356

067. Gilliver LG, Henry SM. World's first blood grouping sensitivity control: created with KODE™ CAE technology. NZ Bio Conference, Auckland, 2005

068. Henry SM. Synthetic ABO molecules inserted into group O cells for use as ABO quality control cells. (Invited lecture) NZIMLS Conference, Hamilton, NZ, 2004

069. Henry SM, Gilliver L, McDonald R, Allan J. Glycoconjugate engineering of red cell surfaces (KODE-CAE) to create ABO phenotyping sensitivity controls. ISBT VIII European Congress, Istanbul, Turkey 2003